



OTHER GEOLOGICAL UNITS

QUATERNARY

Q Thick cover predominantly glacial with fluvial & alluvial

TERTIARY

T Undifferentiated sedimentary rocks (Macquarie Harbour Beds)

Tb Basalt

JURASSIC

Jd Dolerite

PERMIAN

P Undifferentiated sedimentary rocks

SILURO-DEVONIAN

SD Undifferentiated sedimentary rocks (incl. Eldon Group)

ORDOVICIAN

O Gordon Limestone and correlates

LATE CAMBRIAN - EARLY ORDOVICIAN

EOC Owen Conglomerate (incl. Pioneer Beds, Newton Creek Sandstone)

CAMBRIAN

E Undifferentiated sedimentary rocks (incl. Dundas Group, Crimson Creek Formation)

Eg Granite/Murchison Darwin Granites

Eu Ultramafic rock

PRECAMBRIAN

PE Undifferentiated metamorphic rocks

MOUNT READ VOLCANICS

Et Tyndall Group (including Jukes Breccia, Comstock Tuff, Tyndall lavas)

EASTERN SEQUENCE

Ee₁ Sticht Range sedimentary sequence

Selina Spicer Sequence

Ee₂ Volcanics

Ee₃ Volcaniclastic conglomerate

Ee₄ Undifferentiated

Ee₅ Jukes-Darwin sequence

CENTRAL SEQUENCE

Ec Main belt felsidsparphyric volcanics

Ecs Quartz phytic volcanics

Ec₁ Major andesitic units

Ec₂ Major sedimentary horizons

WESTERN SEQUENCE

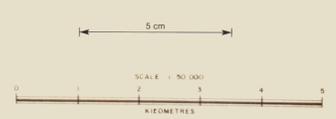
Ew₁ Quartz felsidspar porphyry

Ew₂ Predominantly volcanic

Ew₃ Predominantly sedimentary

--- approximate geological boundary
 - - - - - inferred geological boundary
 - - - - - unconformity
 - - - - - fault (approximate)
 - - - - - fault inferred
 ~ ~ ~ anticline
 ~ ~ ~ syncline

— Highway Main Road
 — Vehicular Track
 — River, Creek
 — Railway
 * Major Mine Working
 * Drill Hole
 — E.L. Boundary
 — M.L. Boundary



GETTY - E-Z - MT. LYELL
 COMPILATION PROJECT TASMANIA

GEOLOGY - INTERPRETATION
AEROMAGNETIC RESIDUAL TOTAL
INTENSITY STACKED PROFILES

Sheet 1
 Sheet 1
 Date Sept. 82
 Date June 82

Surveyed by GEOEX Pty Ltd for the DEPARTMENT OF MINES, Tasmania, May 1981
 BASELINE VALUE 0 n Tesla
 VERTICAL SCALE 1cm = 200 nT